

subject matter and the claimed invention, at the time the claimed invention was made, were owned by the same person or subject to an obligation of assignment to the same person.

(ii) Subject matter which qualifies as prior art under 35 U.S.C. 102(e), (f), or (g) in effect prior to March 16, 2013, and a claimed invention in an application pending on or after December 10, 2004, or in any patent granted on or after December 10, 2004, will be treated as commonly owned for purposes of 35 U.S.C. 103(c) in effect prior to March 16, 2013, on the basis of a joint research agreement under 35 U.S.C. 103(c)(2) in effect prior to March 16, 2013, if:

(A) The applicant or patent owner provides a statement to the effect that the subject matter and the claimed invention were made by or on behalf of the parties to a joint research agreement, within the meaning of 35 U.S.C. 100(h) and § 1.9(e), which was in effect on or before the date the claimed invention was made, and that the claimed invention was made as a result of activities undertaken within the scope of the joint research agreement; and

(B) The application for patent for the claimed invention discloses or is amended to disclose the names of the parties to the joint research agreement.

(6) Patents issued prior to December 10, 2004, from applications filed prior to November 29, 1999, are subject to 35 U.S.C. 103(c) in effect on November 28, 1999.

(d) *Citation of references.* (1) If domestic patents are cited by the examiner, their numbers and dates, and the names of the patentees will be stated. If domestic patent application publications are cited by the examiner, their publication number, publication date, and the names of the applicants will be stated. If foreign published applications or patents are cited, their nationality or country, numbers and dates, and the names of the patentees will be stated, and such other data will be furnished as may be necessary to enable the applicant, or in the case of a reexamination proceeding, the patent owner, to identify the published applications or patents cited. In citing foreign published applications or patents,

in case only a part of the document is involved, the particular pages and sheets containing the parts relied upon will be identified. If printed publications are cited, the author (if any), title, date, pages or plates, and place of publication, or place where a copy can be found, will be given.

(2) When a rejection in an application is based on facts within the personal knowledge of an employee of the Office, the data shall be as specific as possible, and the reference must be supported, when called for by the applicant, by the affidavit of such employee, and such affidavit shall be subject to contradiction or explanation by the affidavits of the applicant and other persons.

(e) *Reasons for allowance.* If the examiner believes that the record of the prosecution as a whole does not make clear his or her reasons for allowing a claim or claims, the examiner may set forth such reasoning. The reasons shall be incorporated into an Office action rejecting other claims of the application or patent under reexamination or be the subject of a separate communication to the applicant or patent owner. The applicant or patent owner may file a statement commenting on the reasons for allowance within such time as may be specified by the examiner. Failure by the examiner to respond to any statement commenting on reasons for allowance does not give rise to any implication.

[62 FR 53191, Oct. 10, 1997, as amended at 65 FR 14872, Mar. 20, 2000; 65 FR 54671, Sept. 8, 2000; 65 FR 57056, Sept. 20, 2000; 70 FR 1823, Jan. 11, 2005; 70 FR 54266, Sept. 14, 2005; 72 FR 46841, Aug. 21, 2007; 74 FR 52690, Oct. 14, 2009; 78 FR 11057, Feb. 14, 2013]

§ 1.105 Requirements for information.

(a)(1) In the course of examining or treating a matter in a pending or abandoned application filed under 35 U.S.C. 111 or 371 (including a reissue application), in a patent, or in a reexamination proceeding, the examiner or other Office employee may require the submission, from individuals identified under § 1.56(c), or any assignee, of such information as may be reasonably necessary to properly examine or treat the matter, for example:

(i) *Commercial databases*: The existence of any particularly relevant commercial database known to any of the inventors that could be searched for a particular aspect of the invention.

(ii) *Search*: Whether a search of the prior art was made, and if so, what was searched.

(iii) *Related information*: A copy of any non-patent literature, published application, or patent (U.S. or foreign), by any of the inventors, that relates to the claimed invention.

(iv) *Information used to draft application*: A copy of any non-patent literature, published application, or patent (U.S. or foreign) that was used to draft the application.

(v) *Information used in invention process*: A copy of any non-patent literature, published application, or patent (U.S. or foreign) that was used in the invention process, such as by designing around or providing a solution to accomplish an invention result.

(vi) *Improvements*: Where the claimed invention is an improvement, identification of what is being improved.

(vii) *In use*: Identification of any use of the claimed invention known to any of the inventors at the time the application was filed notwithstanding the date of the use.

(viii) *Technical information known to applicant*. Technical information known to applicant concerning the related art, the disclosure, the claimed subject matter, other factual information pertinent to patentability, or concerning the accuracy of the examiner's stated interpretation of such items.

(2) Requirements for factual information known to applicant may be presented in any appropriate manner, for example:

(i) A requirement for factual information;

(ii) Interrogatories in the form of specific questions seeking applicant's factual knowledge; or

(iii) Stipulations as to facts with which the applicant may agree or disagree.

(3) Any reply to a requirement for information pursuant to this section that states either that the information required to be submitted is unknown to or is not readily available to the party

or parties from which it was requested may be accepted as a complete reply.

(b) The requirement for information of paragraph (a)(1) of this section may be included in an Office action, or sent separately.

(c) A reply, or a failure to reply, to a requirement for information under this section will be governed by §§ 1.135 and 1.136.

[65 FR 54671, Sept. 8, 2000, as amended at 69 FR 56542, Sept. 21, 2004; 72 FR 46841, Aug. 21, 2007; 74 FR 52690, Oct. 14, 2009; 77 FR 48821, Aug. 14, 2012]

§§ 1.106–1.108 [Reserved]

§ 1.109 Effective filing date of a claimed invention under the Leahy-Smith America Invents Act.

(a) The effective filing date for a claimed invention in a patent or application for patent, other than in a re-issue application or reissued patent, is the earliest of:

(1) The actual filing date of the patent or the application for the patent containing a claim to the invention; or

(2) The filing date of the earliest application for which the patent or application is entitled, as to such invention, to a right of priority or the benefit of an earlier filing date under 35 U.S.C. 119, 120, 121, or 365.

(b) The effective filing date for a claimed invention in a reissue application or a reissued patent is determined by deeming the claim to the invention to have been contained in the patent for which reissue was sought.

[78 FR 11057, Feb. 14, 2013]

§ 1.110 Inventorship and ownership of the subject matter of individual claims.

When one or more joint inventors are named in an application or patent, the Office may require an applicant or patentee to identify the inventorship and ownership or obligation to assign ownership, of each claimed invention on its effective filing date (as defined in § 1.109) or on its date of invention, as applicable, when necessary for purposes of an Office proceeding. The Office may also require an applicant or patentee to